MODIS TECHNICAL TEAM MEETING

September 2, 1999

Vince Salomonson chaired the MODIS Technical Team Meeting. Present were Ken Anderson, Barbara Conboy, Wayne Esaias, Al Fleig, Bruce Guenther, Dorothy Hall, Michael Hohner, Steve Kempler, Gene Legg (NOAA), Ed Masuoka, Locke Stuart, and Eric Vermote, with Deborah Howard recording the minutes.

1.0 SCHEDULE OF EVENTS

PI Processing Meeting Building 33, Room A128	Wednesday, September 8, 1999 9:30 a.m.
PI Processing Meeting Building 33, Room H114	October 6, 1999 9:30 a.m.
Terra Launch Vandenberg Air Force Base	No earlier than November 1, 1999
Next MODIS Science Team Meeting Location TBD	Tentatively Nov. 1999 or Jan. 2000
AGU 1999 Fall Meeting (San Francisco, CA)	December 13–17, 1999
IGARSS 2000 Abstracts Due	December 1999
AGU 2000 Spring Meeting (Washington, DC)	May 30–June 3, 2000
IGARSS 2000 (Honolulu, HI)	July 24–28, 2000
EOS-PM Launch	December 21, 2000

2.0 MINUTES OF THE MEETING

2.1 Instrument Report
Anderson reported that Santa Barbara is running engineering testing to understand the ADC issue. It looks like it may be a function of the design that is a noise sensitivity in the design. Salomonson asked whether the ADC issue is a 1-bit or a 2-bit issue. Anderson replied that Santa Barbara said that it is a 1-bit issue. He said that they are working toward a mid-October pre-ship.

Anderson stated that unofficially, the Terra launch date would be no earlier than November 19.

2.2 GDAAC
Kempler reviewed the GDAAC Notes for MODIS Technical Team Meeting dated 9/2/99 (Attachment 1). The DAAC has installed ECS Drop 5A and is debugging it using a similar debugging process to that used for Drop 4PY. Kempler said he would know how that was going by the PI Processing meeting next Wednesday. Also, the EGS-10 tests are within the operational mode. The PGE versions listed at the bottom of Attachment 1 are the launch-ready ready versions.

Salomonson asked about archiving and Kempler replied that the PDR server used for that is part of the 5A SIPS interface that the DAAC is debugging. Masuoka commented that the DAAC's manage the PDR server, however, ECS has asked MODAPS to manage it. Salomonson agreed with Masuoka that MODAPS has a full enough workload and should not add that additional responsibility at this time.

Kempler stated that the MODIS Working Group on L1 Integration was not held this week.

2.3 SDST
Ed Masuoka reviewed the Launch Ready PGE Status dated September 2, 1999 (Attachment 2). SDST is working on metadata fixes, everything that ECS owed them has been delivered and needs to be tested at the DAAC. The patch in 5A.02, expected from ECS, is needed and two ESDT's to split day and night have not yet been received from ECS.

Masuoka and Michael King reviewed volumes and loads for Atmospheres recently and a teleconference is scheduled next Tuesday with Miami to go over volumes and loads for Oceans. Masuoka said he also needs to go over volumes and loads with the Land group.

2.4 PI Processing
Eric Vermote reported that there will be a PI Processing Meeting next Wednesday. The tentative agenda includes the status of ECS Drop 5A, the insert status of products for the DAAC's, Y-day test progress, continuous production planning, the MODLAND 250 meter production initiative, DAO field use and testing, and MOSS-3 plans. Vermote commented that the Land group is working on a link from the MODIS home page to the Land page for a quick look at data. Masuoka said that DAO has requested a PI Processing meeting on how to set up subscriptions.

Masuoka commented that he had met with Martha Maiden, Chris Justice, and Eric Vermote to discuss the 250 meter land processing system. He stated that MODAPS is being adjusted by the Land group. Vermote said this would be a strong benefit to SDST for the third generation MODAPS; it would impact the next generation MODAPS rather than the current MODAPS.

2.5 Early Images
Fleig showed the technical team an image from synthetic Level 1B data that was resampled and regridded. It was an RBG image of one 5-minute granule. It had

an artificially low cloud fraction that did not disqualify sunglint. The group discussed the qualities, wording, and framing for early images and Salomonson asked Fleig to come up with a selection of about 12 potential images from which around 5 images could be chosen.

2.6 Snow and Ice
Dorothy Hall said she wrote an article for the Earth Observer on validation of the Snow and Ice products per a request by Chris Justice.

2.7 Oceans
Esaias said that regarding the PDR server, he wanted to know whether we need to limit the number of Ocean products to be archived. He would like the Oceans group to reach closure with the DAAC during upcoming teleconferences tomorrow and next Tuesday.

He said that the Oceans group needs to start planning for a cruise 6 months ahead if they are going to have an April 2000 validation cruise.

2.8 MAST
Locke Stuart reported that for planning purposes only, we are planning on a level budget. Barbara Conboy said that the spending plans are due to Theresa Mautino by September 15. A few other issues were briefly discussed. The date for the next MODIS Science Team meeting is still tentative; Salomonson suggested November 1999 or January 2000. Masuoka is preparing a slide on post-launch demonstrations for ORR. He would like a summary of planned field validation efforts and field campaigns from the disciplines.

Michael Hohner said there were several updates to the MODIS Web site recently and that these would continue. He previewed the new MODIS Instrument News (MIN) interface for the Technical Team. It includes a news database where news items could be entered. The Latest News section of the MODIS Web site (http://modarch.gsfc.nasa.gov/MODIS/news.html) would be replaced by a series of news-oriented HTML pages that would be generated from news items which have been added to the MODIS Instrument News database. The interface allows MODIS team members to add 3 to 5 line news items to the database and allows the items to be posted to the relevant pages immediately after they have been entered.

The MIN interface is a way for MODIS Team Members to deliver news to the wider MODIS science community quickly. The MIN interface was designed to allow designated MODIS Team Members to enter items into the password protected interface. After items are posted to the MODIS Web site, they would be reviewed by Conboy, Murphy, and Hohner for inappropriate items. After some discussion, Salomonson said he would like Barbara Conboy to be the responsible government person for the news page entries. He said he would leave it to MAST to fine tune so that it meets NASA/GSFC guidelines.

Fleig suggested that when a news item gets old it would go to an archive and Hohner said expiration dates could be set. Salomonson asked whether MODIS

could post the latest images on the MODIS site. Hohner replied that the DAAC's are interested in coordinating with the MODIS site and it could be set up so that the MODIS site pointed to the DAAC sites and images. Salomonson said a good model is the SeaWiFS homepage (see http://seawifs.gsfc.nasa.gov/SEAWIFS.html). Conboy said that viable, up to date MODIS news pages would require MODIS team participation to provide timely news items.

3.0 ACTION ITEMS

3.1 Action Items Carried Forward
1. Legg: Find out when and how NASA MODIS representatives will be integrated into the NOAA review process and report on status to the MODIS Technical Team. NOAA has agreed to have MODIS representatives serve on the NESDIS data product review boards. However, MODIS representatives have not yet been invited to participate in an advisory panel.

Status: This item remains open. At the August 26 MODIS Technical Team meeting, Dan Tarpley said that NASA MODIS representatives would be included in an upcoming review board meeting.

2. Murphy and Conboy: Inputs for the EOS Data Products Handbook PM-1 Volume 2 were due to Barbara Conboy by June 17, 1999.

Status: This item remains open. In Murphy's absence, Conboy is working with Chris Justice and Wayne Esaias to get final reviews for the Land and Oceans sections.

3. Hohner and Howard: Develop a weekly MODIS news page linked to the MODIS home Web site. It should include hot items and reflect weekly progress.

Status: This item is in progress.

4. Masuoka: Submit an EOS-PM Data Product Update to ESDIS.

Status: This action item remains open.